

SEQUENCE LISTING

<110> ITO, Yasuaki
FUJII, Ryo
KOBAYASHI, Makoto
HINUMA, Shuji
HASHIMOTO, Tadatoshi
TANAKA, Yasuhiro

<120> Novel Screening Method

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<140> 10/552,014

<141> 2005-10-12

<150> PCT/JP2004/005947

<151> 2004-04-23

<150> JP 2003-122464

<151> 2003-04-25

<160> 15

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<211> 453

<212> PRT

<213> Human

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Leu	Ile	Leu	Val	Tyr	Leu	Ile	Ile	Phe	Val	Met	Gly	Leu	Leu	Gly	Asn
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	245		250	255
Leu Ala Gly Gly Thr Arg Pro Pro Gln Leu Arg Lys Ser Glu Ser Glu				
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Glu Ser Arg Thr Ala Arg Arg Gln Thr Ile Ile Phe Leu Arg Leu Ile				
	275		280	285
Val Val Thr Leu Ala Val Cys Trp Met Pro Asn Gln Ile Arg Arg Ile				
	290		295	300
Met Ala Ala Ala Lys Pro Lys His Asp Trp Thr Arg Ser Tyr Phe Arg				
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Ala Tyr Met Ile Leu Leu Pro Phe Ser Glu Thr Phe Phe Tyr Leu Ser				
	325		330	335
Ser Val Ile Asn Pro Leu Leu Tyr Thr Val Ser Ser Gln Gln Phe Arg				
	340		345	350
Arg Val Phe Val Gln Val Leu Cys Cys Arg Leu Ser Leu Gln His Ala				
	355		360	365
Asn His Glu Lys Arg Leu Arg Val His Ala His Ser Thr Thr Asp Ser				
	370		375	380
Ala Arg Phe Val Gln Arg Pro Leu Leu Phe Ala Ser Arg Arg Gln Ser				
385		390		395
Ser Ala Arg Arg Thr Glu Lys Ile Phe Leu Ser Thr Phe Gln Ser Glu				
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<210> 6

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<211> 456
<212> PRT
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          20              25              30
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          35              40              45
Ser Val Thr Ile Arg Val Thr Gln Val Leu Gln Lys Lys Gly Tyr Leu
          50              55              60
Gln Lys Glu Val Thr Asp His Met Val Ser Leu Ala Cys Ser Asp Ile
          65              70              75              80
Leu Val Phe Leu Ile Gly Met Pro Met Glu Phe Tyr Ser Ile Ile Trp
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Leu	Ser	Phe	Glu	Arg	Tyr	Ile	Ala	Ile	Cys	His	Pro	Phe	Lys	Tyr	Lys
	130					135					140				
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Val	Thr	Ser	Ala	Leu	Val	Ala	Leu	Pro	Leu	Leu	Phe	Ala	Met	Gly	Ile
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Leu	Ser	Arg	Thr	Arg	His	His	Asp	Glu	Pro	Gly	Asn	Ser	Asn	Met	Ser
		195					200					205			
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                35                40                45
Ser Val Thr Ile Arg Val Thr Gln Val Leu Gln Lys Lys Gly Tyr Leu
                50                55                60
Gln Lys Glu Val Thr Asp His Met Ile Ser Leu Ala Cys Ser Asp Ile
                65                70                75                80
Leu Val Phe Leu Ile Gly Met Pro Met Glu Phe Tyr Ser Ile Ile Trp
                85                90                95
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Phe Leu Phe Glu Thr Cys Ser Tyr Ala Thr Leu Leu His Val Leu Thr
                115               120               125
Leu Ser Phe Glu Arg Tyr Ile Ala Ile Cys His Pro Phe Arg Tyr Lys
                130               135               140
Asp Val Ser Gly Pro Cys Gln Val Lys Leu Leu Ile Gly Phe Val Trp
145                150                155                160
Val Thr Ser Ala Leu Val Ala Leu Pro Leu Leu Phe Ala Met Gly Ile
                165               170               175
Glu Tyr Pro Leu Ala Asn Val Pro Thr His Lys Gly Leu Asn Cys Asn
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                195               200               205
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Phe Gly Ala Phe Ala Val Tyr Leu Val Val Leu Val Ser Val Ala Phe

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Glu Ser Arg Thr Ala Arg Arg Gln Thr Ile Ile Phe Leu Arg Leu Ile						
	275		280		285	
Val Val Thr Leu Ala Val Cys Trp Met Pro Asn Gln Ile Arg Arg Ile						
	290		295		300	
Met Ala Ala Ala Lys Pro Lys His Asp Trp Thr Lys Ser Tyr Phe Lys						
305		310		315		320
Ala Tyr Met Ile Leu Leu Pro Phe Ser Asp Thr Phe Phe Tyr Leu Ser						
	325		330		335	
Ser Val Val Asn Pro Leu Leu Tyr Asn Val Ser Ser Gln Gln Phe Arg						
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Lys Val Phe Trp Gln Val Leu Cys Cys Arg Leu Thr Leu Gln His Ala						
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Asn Gln Glu Lys Gln Gln Arg Ala Tyr Phe Ser Ser Thr Lys Asn Ser						
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Ser Arg Ser Ala Arg Ser Pro Leu Ile Phe Leu Ala Ser Arg Arg Ser						
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Asn Ser Ser Ser Arg Arg Thr Asn Lys Val Phe Leu Ser Thr Phe Gln						
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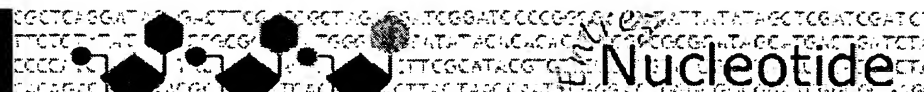
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[Structure](#)
[PMC](#)
[Taxonomy](#)
[OMIM](#)
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[History](#)
[Clipboard](#)
[Details](#)

Display Show

Range: from to
☐ Reverse complemented strand
 Features: ☐ SNP ☒ CDD ☐

☐ 1: [XM_222578](#). Reports PREDICTED: Rattus...[gi:34879487]

[Links](#)

[Comment](#) [Features](#) [Sequence](#)

LOCUS XM_222578 1371 bp mRNA linear ROD 15-APR-2005
 DEFINITION PREDICTED: Rattus norvegicus G protein-coupled receptor 39
 (predicted) (Gpr39_predicted), mRNA.
 ACCESSION XM_222578
 VERSION XM_222578.2 GI:34879487
 KEYWORDS .
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM [Rattus norvegicus](#)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;
 Sciurognathi; Muroidea; Muridae; Murinae; Rattus.
 COMMENT MODEL REFSEQ: This record is predicted by automated computational
 analysis. This record is derived from an annotated genomic sequence
 (NW_047393) using gene prediction method: GNOMON, supported by mRNA
 evidence.
 Also see:

[Documentation](#) of NCBI's Annotation Process

On Sep 22, 2003 this sequence version replaced gi:27676303.

FEATURES Location/Qualifiers
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 includes similarity to: 2 mRNAs, 1 Protein"
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LQEQEV"

ORIGIN

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1321 aaacctgctg gttccgccac agaaaatagt ttacaggagc aggaagtgtg a
```

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